Jacek Gwizdka

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EDUCATION

2004 **Doctor of Philosophy**
Department of Mechanical and Industrial Engineering, University of Toronto, Canada
Research Area: **Human-Computer Interaction / Human Factors**
Advisor: Professor Mark H. Chignell
Dissertation title: "Cognitive Abilities, Interfaces & Tasks: Effects on Prospective Information Handling in Email"

1998 **Master of Applied Science**
Department of Mechanical and Industrial Engineering, University of Toronto, Canada
Research Area: **Information Systems**
Advisor: Professor Mark Fox

1988 Pursued Master's degree in Computer Science (emigrated to Germany after completing 4th year)
Department of Applied Physics & Mathematics, Technical University of Łódź, Poland

1985 **Master of Science* in Electrical Engineering with distinction (Summa cum laude)**
Department of Electrical Engineering, Technical University of Łódź, Poland
**Note*: In the Polish university system (as in many other European countries) one used to receive an equivalent of a master's degree after five years of study, with no bachelor's degree granted.

EMPLOYMENT

01.2013 -present **School of Information, University of Texas, Austin, TX, USA**
09.2019-present Associate Professor
01.2015-present Information eXperience (IX) Lab Director https://ixlab.ischool.utexas.edu
01.2015-08.2019 Assistant Professor
01.2013-01.2015 Lecturer

09.2005 -12.2012 **Department of Library and Information Science, Rutgers University, NJ, USA**
Assistant Professor

09.2004 -05.2005 **Faculty of Information Studies, University of Toronto, Canada**
Adjunct Lecturer

01.2004 -08.2005 **Department of Psychology, University of Toronto, Canada**
Postdoctoral Research Fellow

09.2000 -12.2003 **University of Toronto, Canada**
Research Assistant, Computer Scientist, Web Designer and Developer

1997 -2000 **Xerox PARC; Hewlett Packard Labs & FXPAL, Palo Alto, CA, USA**
Summer Research Internships

01.1999 -12.1999 **Personification Inc., Toronto, Canada**
Knowledge Engineer and Software Designer

01.1995 -01.1998 **Enterprise Integration Laboratory, University of Toronto, Canada**
Research Assistant

01.1986 -01.1995 **Canada, Germany and Poland**
Contract and staff programming positions, various employers. Systems and Applications Software Engineer.

GRANTS RECEIVED

Total: ~$2.4M. Of that from external sources of ~$2.1M. Of that ~$670,000 at UT Austin.

External funding sources

2020-	Consumer Longitudinal Health Information Needs and Search Behavior. ($55,314). *Co-PI* with Yan Zhang (*PI*) Google Faculty Research Award
2017-2020	Eye-Tracking for Adaptive User Interfaces. ($150,000). *PI*. Lockheed Martin Corporation.
2016-2017	Relevance Mining and Detection System. ($100,000; $67,000 under my supervision). *PI*. (Matt Lease & Luis Revilla, *Co-PIs*). Fundação para a Ciência e a Tecnologia (FCT – Portuguese Science and Technology Foundation: Portugal NSF) and the Digital Media Program, UT Austin.
2015-2016	Understanding Consumers' Quality Evaluation of Online Health Information Using a Mixed-Method Approach. ($44,444). *Co-PI* with Yan Zhang. Portuguese Science and Technology Foundation and the Digital Media Program, UT Austin.
2014-2016	Child-friendly search engine results pages: Towards better understanding of Google search results readability by children. ($41,363). *Co-PI* with Dania Bilal (*PI*) Google Faculty Research Award
2013-2014	Personalized Complex Data Exploration. ($50,000). *PI*. Lockheed Martin Corporation.
2011-2016	Continuous Assessment of Cognitive Load in Information Seeking ($334,641). Institute of Museum & Library Services (IMLS) CAREER Development Award. ($213,163 at UT) (8.3% success rate; 2 awards in 2011).
2011	Implicit Detection of Relevance Decisions & Affect in Web Search ($71,579). Google Faculty Research Award
2008-2010	Personalization of the digital library experience ($964,887; total budget $1.5M). *Co-PI*, with Nick Belkin (*PI*) & Xiangmin Zhang (*Co-PI*). Institute of Museum and Library Services (IMLS).
2008-2010	Mobile iThinking – Mobile tablet computers for active learning ($83,720). *PI* with Dr. Claire McInerney (*Co-PI*).2008 Hewlett Packard Teaching Grant.
2005-2006	Improving user navigation of large e-commerce web sites ($74,374). *Co-PI*. Communications and Information Technology Ontario (CITO, a division of Ontario Centres of Excellence - OCE) and Bell Canada.

Internal funding sources

2021-2022	Designing Human-AI Partnerships for Information Search and Evaluation: An eye-tracking lab study. ($800). UT Austin VPR Special Research Grant.
2020-2021	Designing Human-AI Partnerships for Information Search & Evaluation. ($39,840). *PI*. with Matt Lease (Co-PI), UT Austin.
2020	Health Information Search Behavior as a Manifestation of Cognitive Impairment: An Eye-Tracking Study. ($99,880). *Co-PI*. with Maya Henry and Kavita Radhakrishnan, UT Austin.
2019-2020	Designing Human-AI Partnerships for Information Search & Evaluation. ($100,000). *Co-PI*. with Matt Lease (PI) and Natalia Stroud (Co-PI), UT Austin.
2018-2019	Real-time Eye-tracking Data Processing and Its Applications. ($16,000). *PI*. Fellowship, iSchool, UT Austin.
2015-2017	Detecting Periods of Mindless Information Seeking (DeMIS). ($25,700). *PI*. Fellowships, iSchool, UT Austin.
2014-2015	Learning about Search as Learning (LaSaL). ($10,857). *PI*. Fellowship, iSchool, UT Austin.
2010-2011	Using low-cost sensors to infer cognitive states on information tasks ($1,000). *PI*. Rutgers Research Council.
2009-2010	Promoting sensemaking of user-constructed tag spaces on the web ($1,500). *PI*. Rutgers Research Council.
2008	Implicit identification of user states & information task characteristics ($2,450). *PI*. G2GG, Rutgers University.
2007-2008	Building predictive models of cognitive characteristics of users engaged in interactive search tasks ($2,300). *PI*. Rutgers Research Council.
2007	Examination of the relationships between individual differences, and subjective and objective measures of information search task difficulty ($1,472). *PI*. G2GG, SCILS, Rutgers University.
2006-2007	Examination of the relationships between individual differences, and subjective and objective measures of information search task difficulty ($2,300). *PI*. Rutgers Research Council.

PUBLICATIONS

Citation metrics based on Google-Scholar: **citations: 5001; h-index: 38** http://bit.ly/Jacek_GScholar

Edited books, conference & workshop proceedings

EB03 **Gwizdka**, J., & Rieh, S. Y. (Eds.). (2023). CHIIR '23: Proceedings of the 2023 conference on human information interaction and retrieval. Association for Computing Machinery.

EB02 **Gwizdka, J.**, Hansen, P., Hauff, C., He, J., Kando, N. (Eds.). (2016). *CEUR Workshop Proceedings: 1647. Proceedings of the Second International Workshop on Search as Learning co-located with SIGIR 2016*. Pisa, Italy, July 21st, 2016. Aachen, Germany: CEUR. Available at: http://CEUR-WS.org/Vol-1647 URN: urn:nbn:de:0074-1647-8 ISSN: 1613-0073

EB01 Belkin, N.J., Bierig, R., Buscher, G., van Elst, L., **Gwizdka, J.**, Jose, J., & Teevan, J. (Eds.). (2009). *CEUR Workshop Proceedings: 512. Proceedings of the SIGIR'2009 Workshop on Understanding the User: Logging & interpreting user interactions in information search and retrieval*. Aachen, Germany: CEUR. http://CEUR-WS.org/Vol-512 URN: urn:nbn:de:0074-512-7 ISSN: 1613-0073

Invited book chapters (peer reviewed)

CB03 **Gwizdka**, **J.**, & Dillon A. (2020). In W. T. Fu & H. van Oostendorp (Eds.), Understanding and Improving Information Search: A Cognitive Approach (pp. 161–181). Cham: Springer International Publishing. doi: 10.1007/978-3-030-38825-6

CB02 **Gwizdka**, **J.**, & Chignell, M.H. (2007). Individual differences. In W. Jones and J. Teevan (Eds.), *Personal information management* (pp. 206-220). Seattle, WA: University of Washington Press.

CB01 Whittaker, S., Bellotti, V., & **Gwizdka, J**. (2007). Everything through email. In W. Jones and J. Teevan (Eds.), *Personal information management* (pp. 167-189). Seattle, WA: University of Washington Press.

Journal publications (peer reviewed)

J27 Bautista, J. R., Zhang, Y., **Gwizdka**, J., & Chang, Y.-S. (2023). Consumers' longitudinal health information needs and seeking: a scoping review. *Health Promotion International*, 38(4), daad066. https://doi.org/10.1093/heapro/daad066

J26 Bautista, J. R., Zhang, Y., & **Gwizdka**, J. (2023). Correcting vaccine misinformation on social media: Effect of social correction methods on vaccine skeptics' intention to take COVID-19 vaccine. *New Media & Society*, 14614448231169696. https://doi.org/10.1177/14614448231169697

J25 Bautista, J. R., Zhang, Y., & **Gwizdka**, J. (2022). Predicting healthcare professionals' intention to correct health misinformation on social media. *Telematics & Informatics*. Elsevier. https://doi.org/10.1016/j.tele.2022.101864

J24 Seaborn, K., Henderson, K., **Gwizdka**, J., & Chignell, M. (2022). A meta-review of psychological resilience during COVID-19. *Nature Npj Mental Health Research*, 1(1), 1–9. Springer Nature https://doi.org/10.1038/s44184-022-00005-8

J23 Rubin, M., Bhattacharya, N., **Gwizdka**, J., Griffin, Z., & Telch, M. (2021). The influence of PTSD symptoms on selective visual attention while reading. *Cognition and Emotion*, 0(0), 1–8. https://doi.org/10.1080/02699931.2021.2016639

J22 Bautista, J. R., Zhang, Y, & **Gwizdka**, J. (2021). US Physicians' and Nurses' Motivations, Barriers, and Recommendations for Correcting Health Misinformation on Social Media: Qualitative Interview Study. JMIR Public Health and Surveillance, 7(9), e27715. https://doi.org/10.2196/27715

J21 Seaborn, K., Chignell, M., & **Gwizdka**, J. (2021). Psychological resilience during COVID-19: A meta-review protocol. *BMJ Open*, 11(6), e051417. https://doi.org/10.1136/bmjopen-2021-051417

J20 Bautista, J. R., Zhang, Y, & **Gwizdka**, J. (2021). Healthcare professionals' acts of correcting health misinformation on social media. *International Journal of Medical Informatics*. https://doi.org/10.1016/j.ijmedinf.2021.104375

J19 Chang, Y.-S., Zhang, Y., & **Gwizdka**, J. (2020). The effects of Information Source and eHealth Literacy on Consumer Health Information Credibility Evaluation Behavior. *Computers in Human Behavior*. 115, 106629. https://doi.org/10.1016/j.chb.2020.106629

J18 **Gwizdka**, J., Zhang, Y., & Dillon, A. (2019). Using the eye-tracking method to study consumer online health information search behaviour. *Aslib Journal of Information Management*. pp. 16. doi:10.1108/AJIM-02-2019-0050

J17 Sun, Y., Zhang, Y., **Gwizdka**, J., & Trace, C. B. (2019). Consumer Evaluation of the Quality of Online Health Information: Systematic Literature Review of Relevant Criteria and Indicators. *Journal of Medical Internet Research*, 21(5), e12522. https://doi.org/10.2196/12522

J16 Bilal, D., & **Gwizdka**, J. (2018). Children's query types and reformulations in Google search. *Information Processing & Management,* 54(6), 1022–1041. doi:10.1016/j.ipm.2018.06.008 (2017 JCR impact factor: 3.444; acceptance rate ~10%)

J15 **Gwizdka**, J., Hosseini, R., Cole, M., & Wang, S. (2017). Temporal dynamics of eye-tracking and EEG during reading and relevance decisions. *Journal of the Association for Information Science and Technology*, 68(10), 2299–2312. doi:10.1002/asi.23904 (2017 JCR impact factor: 2.835)

J14 Smith, C. L., **Gwizdka**, J., & Feild, H. (2017). The use of query auto-completion over the course of search sessions with multifaceted information needs. *Information Processing & Management*, 53(5), 1139–1155. doi:10.1016/j.ipm.2017.05.001 (2017 JCR impact factor: 3.444; acceptance rate ~10%)

J13 Wang, S., **Gwizdka**, J., & Chaovalitwongse, W. A. (2016). Using Wireless EEG Signals to Assess Memory Workload in the n-Back Task. *IEEE Transactions on Human-Machine Systems*, 46(3), 424–435. doi: 10.1109/THMS.2015.2476818 (2017 JCR

impact factor: 2.563)

J12 Cole, M. J., **Gwizdka**, J., Liu, C., Belkin, N. J., & Zhang, X. (2013). Inferring user knowledge level from eye movement patterns. *Information Processing & Management*, 49(5), 1075–1091. doi:10.1016/j.ipm.2012.08.004 (2017 JCR impact factor: 3.444; acceptance rate ~10%)

J11 **Gwizdka**, J., & Cole, M. J. (2013). Towards Human-Information System Interaction Models Derived from Eye-Tracking Data. *Studia Ekonomiczne. Zeszyty Naukowe Uniwersytetu Ekonomicznego w Katowicach*, 158, 65–80. Katowice, Poland: University of Economics Press.

J10 Oh, K.-E. & **Gwizdka, J**. (2011). Impatient opportunists: A study of technology use in a higher education classroom. *Journal of Applied Research in Higher Education*, 3(2), 81-96. doi:10.1108/17581181111198638

J09 Cole, M., **Gwizdka**, J., Liu C., Bierig, R., Belkin, N., Zhang, X. (2011). Task and User Effects on Reading Patterns in Information Search. *Interacting with Computers*. 23(4), 346-362. doi:10.1016/j.intcom.2011.04.007 (2017 JCR impact factor: 0.809)

J08 **Gwizdka, J**. (2010). Distribution of cognitive load in web search. *Journal of the American Society for Information Science and Technology*, 61(11), 2167–2187. doi:10.1002/asi.21385 (2017 JCR impact factor: 2.835)

J07 **Gwizdka, J**. & Lopatovska, I. (2009). The role of subjective factors in the information search process. *Journal of the American Society for Information Science and Technology*, 60(12), 2452-2464. doi:10.1002/asi.21183 (2017 JCR impact factor: 2.835)

J06 **Gwizdka, J**. (2009). What a difference a tag cloud makes: Effects of tasks and cognitive abilities on search results interface use. *Information Research*, 14(4), paper 414. Online: http://informationr.net/ir/14-4/paper414.html (2017 JCR impact factor: 0.762)

J05 **Gwizdka, J**. (2009). Assessing cognitive load on web search tasks. *Ergonomics Open Journal*, 2, 114-123. doi:10.2174/1875934300902010114

J04 **Gwizdka, J**. & Spence, I. (2007). Implicit measures of lostness and success in web navigation. *Interacting with Computers*, 19(3), 357-369. doi:10.1016/j.intcom.2007.01.001 (2017 JCR impact factor: 0.809) (8th most downloaded paper from the journal in the quarter it was published)

J03 Whittaker, S., Bellotti, V., & **Gwizdka, J**. (2006). Email in personal information management. *Communications of the ACM*, 49(1), 68-73. doi:10.1145/1107458.1107494 (2016 JCR impact factor: 4.027; 2017: 3.063)

J02 **Gwizdka, J**. & Chignell, M.H. (2004). Individual differences and task-based user interface evaluation: A case study of pending tasks in email. *Interacting with Computers*, 16(4), 769-797. doi:10.1016/j.intcom.2004.04.008 (2017 JCR impact factor: 0.809)

J01 Chignell, M.H., **Gwizdka, J**., & Bodner, R. (1999). Discriminating meta-search: A framework for evaluation. *Information Processing & Management*, 35(3), 339-364. doi:10.1016/S0306-4573(98)00065-X (2017 JCR impact factor: 3.444; acceptance rate ~10%)

Journal publications (not peer reviewed)

JN02 **Gwizdka**, J., Moshfeghi, Y., Wilson, M.L. (2019). Introduction to the Special Issue on Neuro-Information Science. *Journal of the Association for Information Science and Technology*, 70(9), 911–916. https://doi.org/10.1002/asi.24263

JN01 Eickhoff, C., **Gwizdka**, J., Hauff, C., & He, J. (2017). Introduction to the special issue on search as learning. *Information Retrieval Journal*, 1–4. doi:10.1007/s10791-017-9315-9.

Conference Papers (peer reviewed)

C62 **Gwizdka**, J. (2023). NeuroIS at 15: What Were we Writing About?. To appear in F. D. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, A. B. Randolph, & G. R. Müller-Putz (Eds.), Information Systems and Neuroscience (pp.). Springer International Publishing.

C61 Shi, L., Rahman, R., Melamed, E., **Gwizdka**, J., Rousseau, J., & Ding, Y. (2023). Using Explainable AI to Cross-Validate Socio-economic Disparities Among Covid-19 Patient Mortality. In AMIA Informatics Summit (IS '23), March 13-16, 2023, Seattle, WA, USA.

C60 Shi, L., Bhattacharya, N., Das, A., & **Gwizdka**, J. (2023). True or false? Cognitive load when reading COVID-19 news headlines: an eye-tracking study. Proceedings of the 2023 Conference on Human Information Interaction and Retrieval, 107–116. https://doi.org/10.1145/3576840.3578290

C59 **Gwizdka**, J., Tessmer, R., Chan, Y.-C., Radhakrishnan, K., & Henry, M. L. (2022). Eye-Gaze and Mouse-Movements on Web Search as Indicators of Cognitive Impairment. In F. D. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, A. B. Randolph, & G. R. Müller-Putz (Eds.), Information Systems and Neuroscience (pp. 187–200). Springer International Publishing. https://doi.org/10.1007/978-3-031-13064-9_20

C58 Shi, L., Bhattacharya, N., Das, A., Lease, M. & **Gwizdka**, J. (2022). The Effects of Interactive AI Design on User Behavior: An Eye-tracking Study of Fact-checking COVID-19 Claims. In ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR '22), March 14-18, 2022, Regensburg, Germany. ACM, New York, NY, USA, 9 Pages. https://doi.org/10.1145/3498366.3505786

C57 Chang Y-S. & **Gwizdka**, J. (2022). Perceived eHealth Literacy vis-a-vis Information Search Outcome: A Quasi-

Experimental Study. In *ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR '22)*, March 14-18, 2022, Regensburg, Germany. ACM, New York, NY, USA, 6 Pages. https://doi.org/10.1145/3498366.3505825

C56 Bautista, J. R., Zhang, Y., & **Gwizdka**, J. (2022). Professional Identity and Perceived Crisis Severity as Antecedents of Healthcare Professionals' Responses to Health Misinformation on Social Media. In M. Smits (Ed.), iConference 2022 (pp. 273–291). Springer International Publishing. https://doi.org/10.1007/978-3-030-96960-8_19

C55 Chang, Y.-S., Zhang, Y., & **Gwizdka**, J. (2021). Predicting Surrogates' Health Information Seeking Behavior via Information Source and Information Evaluation. Proceedings of the Association for Information Science and Technology, 58, 36–47. https://doi.org/10.1002/pra2.434. ASIST SIG-USE Best Paper.

C54 Bhattacharya, N., **Gwizdka**, J. (2021). "YASBIL: Yet Another Search Behaviour (and) Interaction Logger". *Short paper in Proceedings of the 44th international ACM SIGIR conference on Research and development in Information (SIGIR 2021)*. ACM Press.

C53 **Gwizdka**, J. (2021). "Overloading" Cognitive (Work)Load: What Are We Really Measuring? *Information Systems and Neuroscience* (*NeuroIS'2021 conference),* 77–89. Springer. https://doi.org/10.1007/978-3-030-88900-5_9

C52 Jia, C., & **Gwizdka**, J. (2020). An Eye-Tracking Study of Differences in Reading Between Automated and Human-Written News. In F. D. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, A. B. Randolph, & T. Fischer (Eds.), *Information Systems and Neuroscience* (pp. 100–110). Springer International Publishing. https://doi.org/10.1007/978-3-030-60073-0_12

C51 Chang, Y.-S., **Gwizdka**, J., & Zhang, Y. (2020). eHealth literacy, information sources, and health webpage reading patterns. *Proceedings of the Association for Information Science and Technology*, 57(1), e234. https://doi.org/10.1002/pra2.234

C50 Bhattacharya, N., Rakshit, S., & **Gwizdka**, J. (2020). Towards real-time webpage relevance prediction using convex hull based eye-tracking features. Proceedings of the 2020 Symposium on Eye Tracking Research and Applications (ETRA '20 Adjunct). https://doi.org/10.1145/3379157.3391302

C49 Bhattacharya, N., Rakshit, S., **Gwizdka**, J., & Kogut, P. (2020). Relevance Prediction from Eye-movements Using Semi-interpretable Convolutional Neural Networks. Proceedings of the 2020 Conference on Human Information Interaction and Retrieval, 223–233. https://doi.org/10.1145/3343413.3377960

C48 **Gwizdka**, J., & Chang, Y.-S. (2020). Search Results Viewing Behavior vis-à-vis Relevance Criteria. In F. D. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, A. Randolph, & T. Fischer (Eds.), Information Systems and Neuroscience (pp. 181–188). Springer International Publishing. https://doi.org/10.1007/978-3-030-28144-1_20

C47 Ebeid, I.A., Bhattacharya, N. **Gwizdka**, J., Sarkar, A. (2019). Analyzing Gaze Transition Behavior Using Bayesian Mixed Effects Markov Models. *Proceedings of the 11th ACM Symposium on Eye Tracking Research & Applications ETRA'2019*, 5:1–5:5. New York, NY, USA: ACM. http://doi.acm.org/10.1145/3314111.3319839 Best Short Paper.

C46 Bhattacharya, N., & **Gwizdka**, J. (2019). Measuring Learning During Search: Differences in Interactions, Eye-Gaze, and Semantic Similarity to Expert Knowledge. *Proceedings of the 2019 Conference on Human Information Interaction and Retrieval, CHIIR'2019*. 63–71. https://doi.org/10.1145/3295750.3298926

C45 **Gwizdka**, J. (2019). Exploring Eye-Tracking Data for Detection of Mind-wandering on Web Tasks. In D. F. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, & B. A. Randolph (Eds.), *Information Systems and Neuroscience Retreat on NeuroIS'2018*. vol 29. (pp. 47-55). Springer International Publishing. doi: 10.1007/978-3-030-01087-4_6

C44 Bhattacharya, N., & **Gwizdka**, J. (2018). Relating Eye-tracking Measures with Changes in Knowledge on Search Tasks. In *Proceedings of the 2018 ACM Symposium on Eye Tracking Research & Applications ETRA'2018* (pp. 62:1–62:5). New York, NY, USA: ACM. doi:10.1145/3204493.3204579.

C43 **Gwizdka**, J. (2018). Inferring Web Page Relevance Using Pupillometry and Single Channel EEG. In D. F. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, & B. A. Randolph (Eds.), *Information Systems and Neuroscience: Gmunden Retreat on NeuroIS'2017* (pp. 175–183). Springer International Publishing. doi:10.1007/978-3-319-67431-5_2

C42 **Gwizdka**, J. (2017). Differences in Reading Between Word Search and Information Relevance Decisions: Evidence from Eye-Tracking. In D. F. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, & B. A. Randolph (Eds.), *Information Systems and Neuroscience: Gmunden Retreat on NeuroIS'2016* (pp. 141–147). Springer. doi:10.1007/978-3-319-41402-7_18

C41 **Gwizdka**, J. (2017). I Can and So I Search More: Effects of Memory Span on Search Behavior. In *Proceedings of the 2017 Conference on Conference Human Information Interaction and Retrieval CHIIR'2017,* (pp. 341–344). New York, NY, USA: ACM. doi:10.1145/3020165.3022148

C40 **Gwizdka**, J. & Bilal, D. (2017). Analysis of Children's Queries and Click Behavior on Ranked Results and Their Thought Processes in Google Search. In *Proceedings of the 2017 Conference on Conference Human Information Interaction and Retrieval CHIIR'2017,* (pp. 377–380). New York, NY, USA: ACM. doi:10.1145/3020165.3022157

C39 Mostafa. J. & **Gwizdka**, J. (2016). Deepening the role of the User: Neuro-Physiological Evidence as a basis for Studying and Improving Search. In *Proceedings of 1st ACM SIGIR Conference on Human Information Interaction and Retrieval CHIIR'2016*. (pp. 63–70). New York, NY, USA: ACM. doi:10.1145/2854946.2854979 (acceptance rate: 10%)

C38 Smith., C., Feild, H., **Gwizdka**, J. (2016). Exploring the Use of Query Auto Completion: Search Behavior and Query Entry Profiles. In *Proceedings of 1st ACM SIGIR Conference on Human Information Interaction and Retrieval CHIIR'2016*. (pp. 101–110). New York, NY, USA: ACM. doi:10.1145/2854946.2854975 (acceptance rate: 40%)

C37 Zhang, Y. & **Gwizdka**, J. (2016). Rethinking the Cost of Information Search Behavior. *Short paper in Proceedings of the 39th*

international ACM SIGIR conference on Research and development in Information (SIGIR 2016). (pp. 969–972). New York, NY, USA: ACM. doi:10.1145/2911451.2914742 (acceptance rate: 30.7%)

C36 **Gwizdka**, J., Zhang, Y. (2015). Differences in eye-tracking measures between visits and revisits to relevant and irrelevant Web pages. *In Proceedings of the 38th international ACM SIGIR conference on Research and development in Information (SIGIR'2015)*. (pp. 811–814). New York, USA: ACM. doi:10.1145/2766462.2767795 (acceptance rate: 31.3%)

C35 **Gwizdka**, J. (2014). Characterizing Relevance with Eye-tracking Measures. In *Proceedings of the 5th Information Interaction in Context Symposium IIiX 2014*. (pp. 58–67). New York, NY, USA: ACM. doi:10.1145/2637002.2637011

C34 Wei, X., Zhang, Y. **Gwizdka**, J. (2014). YASFIIRE: Yet Another System for IIR Evaluation. In *Proceedings of the 5th Information Interaction in Context Symposium IIiX'2014*. (pp. 316–319). New York, USA: ACM. doi:10.1145/2637002.2637051

C33 **Gwizdka**, J. (2014). News Stories Relevance Effects on Eye-Movement. In *Proceedings of the Symposium on Eye Tracking Research and Applications (ETRA'2014)*. (pp. 283–286). New York, NY, USA: ACM. doi:10.1145/2578153.2578198

C32 Zhang, Y., Zhang, J., Lease, M., & **Gwizdka**, J. (2014). Multidimensional Relevance Modeling via Psychometrics and Crowdsourcing. In *Proceedings of the 37th International ACM SIGIR Conference on Research & Development in Information Retrieval SIGIR 2014* (pp. 435–444). New York, NY, USA: ACM. doi:10.1145/2600428.2609577 (acceptance rate: 21%)

C31 **Gwizdka**, J. (2013). Effects of working memory capacity on users' search effort. *In Proceedings of the International Conference on Multimedia, Interaction, Design, Innovation* (pp. 11:1–11:8). New York, USA: ACM. doi:10.1145/2500342.2500358

C30 **Gwizdka**, J., & Cole, M. (2013). Does interactive search results overview help?: an eye tracking study. In *CHI '13 Extended Abstracts on Human Factors in Computing Systems* (pp. 1869–1874). New York, USA: ACM. doi:10.1145/2468356.2468691 (acceptance rate: 32%)

C29 Cole, M., **Gwizdka, J**., Liu, C., Belkin, NJ. (2011). Dynamic Assessment of Information Acquisition Effort During Interactive Search. *In proceedings of the 74th Annual Meeting of the American Society for Information Science & Technology* (ASIS&T 2011). (pp. 1-10). doi: 10.1002/meet.2011.14504801149 (acceptance rate: 30%)
"Internet Research" Best Paper in the Interactive Information & Design Track

C28 Cole, M. J., Zhang, X., Liu, C., Belkin, N. J., & **Gwizdka, J**. (2011). Knowledge Effects on Document Selection in Search Results Pages. In *Proceedings of the 34th International ACM SIGIR Conference on Research and Development in Information Retrieval* (pp. 1219–1220). New York, NY, USA: ACM. doi:10.1145/2009916.2010128

C27 Liu, C., **Gwizdka, J.**, Liu, J., Xu, T., & Belkin, NJ. (2010). Analysis and evaluation of query reformulations in different task types. *In Proceedings of the 73rd Annual Meeting of the American Society for Information Science & Technology (ASIS&T 2010)*. (pp. 17:1–17:10). doi: 10.1002/meet.14504701214 (acceptance rate: 29.7%)

C26 Liu, J., **Gwizdka, J.**, Liu, C., & Belkin, N.J. (2010). Predicting task difficulty for different task types. In *Proceedings of the 73rd Annual Meeting of the American Society for Information Science & Technology (ASIS&T 2010)*. (pp. 16:1–16:10). doi:10.1002/meet.14504701173 (acceptance rate: 29.7%)

C25 Cole, M.J., Zhang, X., Liu, J., Liu, C., Belkin, NJ., Bierig, R., & **Gwizdka, J**. (2010). Are self-assessments reliable indicators of topic knowledge? *In Proceedings of the 73rd Annual Meeting of the American Society for Information Science & Technology (ASIS&T 2010)*. (pp. 30:1–30:10). doi: (acceptance rate: 29.7%)

C24 Cole, M.J., **Gwizdka, J.**, Bierig, R., Belkin, NJ., Liu, J. Liu, C., & Zhang X. (2010). Linking search tasks with low-level eye movement patterns. In W-P Brinkman & M. Neerincx (Eds.) *Proceedings of the 28th European Conference on Cognitive Ergonomics (ECCE 2010)*. (pp. 109-116). Delft: Mediamatica. doi:10.1145/1962300.1962323

C23 **Gwizdka, J.** (2010). Using Stroop task to assess cognitive load. In W-P Brinkman & M. Neerincx (Eds.) *Proceedings of the 28th European Conference on Cognitive Ergonomics (ECCE 2010)*. (pp. 219-222). Delft: Mediamatica. doi:10.1145/1962300.1962345

C22 Liu, C., **Gwizdka, J.**, & Liu, J. (2010). Helping identify when users find useful documents: Examination of query reformulation interval. In *Proceedings of the 3rd Information Interaction in Context Symposium (IIiX'2010)*, New Brunswick, NJ. August 18-22, 2010. (pp. 215-224). doi:10.1145/1840784.1840816 (acceptance rate: 62%)

C21 Liu, J., Liu, C., **Gwizdka, J.** & Belkin, N.J. (2010). Can search systems detect users' task difficulty? Some behavioral signals. In *Proceedings of the 33rd international ACM SIGIR Conference on Research and Development in Information Retrieval* (pp. 845-846). doi:10.1145/1835449.1835645 (acceptance rate: 32%)

C20 Liu, J. Cole, M.J., Liu, C., Bierig, R., **Gwizdka, J.**, Belkin, NJ., Zhang, J., & Zhang, X. (2010). Search behaviors in different task types. In *Proceedings of JCDL'2010* (pp. 69-78). New York: ACM Press. doi: 10.1145/1816123.1816134 (acceptance rate: 28%)

C19 **Gwizdka, J.** (2010). Of kings, traffic signs and flowers: Exploring navigation of tagged documents. In *Proceedings of the 21st ACM Conference on Hypertext and Hypermedia* (pp. 167-172). New York: ACM Press. doi:10.1145/1810617.1810646 (acceptance rate: 35%)

C18 **Gwizdka, J.** & Bakelaar, P. (2009). Tag trails: Navigating with context and history. In *CHI '09 extended abstracts on human factors in computing systems* (pp. 4579-4584). New York: ACM Press. doi:10.1145/1520340.1520703 (acceptance rate: 34%)

C17 **Gwizdka, J.** (2008). Revisiting search task difficulty: Behavioral and individual difference measures. In *Proceedings of the 71st Annual Meeting of the American Society for Information Science and Technology* (ASIS&T). (pp. 1-12). doi:10.1002/meet.2008.1450450249 (acceptance rate: 57%)

C16 **Gwizdka, J.** & Cole, M.J. (2007). Finding it on Google, finding it on del.icio.us. In L. Kovács, N. Fuhr, & C. Meghini

(Eds.), *Lecture notes in computer science: Vol. 4765. Research and advanced technology for digital libraries, ECDL'2007*. (pp. 559-562). London: Springer-Verlag. doi:10.1007/978-3-540-74851-9_69

C15 **Gwizdka, J.** & Spence, I. (2006). What can searching behavior tell us about the difficulty of information tasks? A study of web navigation. *Proceedings of the 69th Annual Meeting of the American Society for Information Science and Technology: Vol . 43*. (ASIS&T). (pp. 1-22). Silver Spring, MD. doi:10.1002/meet.14504301167

C14 **Gwizdka, J**. & Spence, I. (2005). Indirect assessment of web navigation success. In *CHI '05 extended abstracts on human factors in computing systems* (pp. 1427-1430). New York: ACM Press. doi:10.1145/1056808.1056933 (acceptance rate: 25%)

C13 **Gwizdka, J**. & Spence, I. (2005). Predicting outcomes of web navigation. In *WWW 2005 special interest tracks and posters of the 14th International World Wide Web Conference* (pp. 892-893). New York: ACM Press. doi:10.1145/1062745.1062784

C12 **Gwizdka, J**. (2004). Email task management styles: The cleaners and the keepers. In *CHI '04 extended abstracts on human factors in computing systems* (pp. 1235-1238). New York: ACM Press. doi:10.1145/985921.986032 (acceptance rate: 32%)

C11 Chignell, M.H., **Gwizdka, J.**, & Quan Haase, A. (2003, October). The privacy attitude questionnaire (PAQ) and internet use. In *Proceedings of the annual meeting of the Association of Internet Researchers (AoIR)*, Toronto, ON, Canada.

C10 Chignell, M.H., Quan-Haase, A., & **Gwizdka, J**. (2003). The privacy attitude questionnaire (PAQ): Initial development and validation. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting: Vol. 47. Internet* (pp. 1326-1330). Santa Monica, CA: Human Factors and Ergonomics Society (HFES). doi:10.1177/154193120304701102

C09 **Gwizdka, J**. (2002). TaskView—Design and evaluation of a task-based email interface. In J.H. Johnson & D.A. Stewart (Eds.), *Proceedings of the 2002 Conference of the Centre for Advanced Studies on Collaborative Research* (pp. 136-145). Toronto, Ontario, Canada: IBM. (acceptance rate: 37.5%)

C08 **Gwizdka, J**. (2002). Reinventing the inbox—Supporting the management of pending tasks in email. In *CHI '02 extended abstracts on human factors in computing systems* (pp. 550-551). New York: ACM Press. doi:10.1145/506443.506476

C07 **Gwizdka, J**. (2001). Supporting prospective information in email. In *CHI '01 extended abstracts on human factors in computing systems* (pp. 135-136). New York: ACM Press. doi:10.1145/634067.634150

C06 **Gwizdka, J.** (2000). Timely reminders: A case study of temporal guidance in PIM and email tools usage. In *CHI '00 extended abstracts on human factors in computing systems* (pp. 163-164). New York: ACM Press. doi:10.1145/633292.633383

C05 Baldonado, M.Q.W., Cousins S.B., **Gwizdka, J.**, & Paepcke, A. (2000). Notable: At the intersection of annotations and handheld technology. In P. Thomas & H. Gellersen (Eds.), *Lecture notes in computer science: Vol. 1927. Proceedings of the 2nd International Symposium on Handheld and Ubiquitous Computing* (pp. 333-343). London: Springer-Verlag.

C04 Kuchinsky, A., Pering C., Freeze, D., Creech, M.L., Serra, B., & **Gwizdka, J**. (1999). FotoFile: A consumer multimedia organization and retrieval system. In *Proceedings of the ACM SIGCHI Conference Summary on Human Factors in Computing Systems CHI '99* (pp. 496-503). New York: ACM Press. doi:10.1145/302979.303143 (acceptance rate: 25%)

C03 **Gwizdka, J**. (1998). Categorization is difficult: Use of an electronic notebook for organizing design meeting notes. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting: Vol. 42. Computer systems* (pp. 516-520). Santa Monica, CA: Human Factors and Ergonomics Society (HFES). doi:10.1177/154193129804200515

C02 **Gwizdka, J.**, Fox, M.S., & Chignell, M.H. (1998). Electronic engineering notebooks: A study in structuring design notes. In *CHI'98 conference summary on human factors in computing systems* (pp. 355-356). NY: ACM Press. doi:10.1145/286498.286820

C01 **Gwizdka, J**., Louie, J., & Fox, M.S. (1996). EEN: A pen-based electronic notebook for non-intrusive acquisition of engineering knowledge. In *Proceedings of the IEEE 5th International Workshop on Enabling Technologies (WET ICE'96): Vol 5. Infrastructure for collaborative enterprises* (pp. 40-46). New York: IEEE: Computer Society.

Conference abstracts, workshop papers, posters (peer reviewed)

WP49. **Gwizdka**, J. (2022). Inferring cognitive impairment and adapting PIM systems using interaction patterns. *PIM 2022 Workshop. ASIS&T 2022*. Pittsburgh, PA, USA.

WP48. Tessmer, R., Chan, Y-C., **Gwizdka**, J., Henry, M.L., Radhakrishnan, K. (2021). Health information search behavior as an index of cognitive impairment: An eye-tracking study. *Aging and Health Informatics Conference*. Best Student Poster.

WP47 Bhattacharya, N., & **Gwizdka**, J. (2021). A Triangulation Perspective for Search as Learning. *In Proceedings of the Second International Workshop on Investigating Learning During (Web) Search (IWILDS) Co-Located with CIKM 2021.*

WP46 Bhattacharya, N., & **Gwizdka**, J. (2021). Information Search as Knowledge Gain: Towards New Measures. *Presented at Made to Measure IIRMetrics'2021: A CHIIR 2021 Workshop on Human-centred Metrics for Information Seeking.*

WP45 Bhattacharya, N., & **Gwizdka**, J. (2020). Visualizing and Quantifying Vocabulary Learning During Search. *Proceedings of the First International Workshop on Investigating Learning During (Web) Search (IWILDS) Co-Located with CIKM 2020*, 2699, 4pp. http://ceur-ws.org/Vol-2699/paper22.pdf

WP44 Chang, Y-S., **Gwizdka**, J. (2018). Relevance Criteria Dynamics: A Study of Online News Selection on SERPs. *Proceedings of the Association for Information Science & Technology, ASIS&T'2018*, 55(1), 768–769. doi:10.1002/pra2.2018.14505501108

WP43 Ebeid, I. A., & Gwizdka, J. (2018). Real-time Gaze Transition Entropy. In Proceedings of the 2018 ACM Symposium on Eye Tracking Research & Applications (pp. 94:1–94:3). New York, NY, USA: ACM. doi:10.1145/3204493.3208340

WP42 **Gwizdka**, J., (2018). Neuro-physiological data as a source of evaluation metrics for personalized IR. *Proceedings of the Workshop on Evaluation of Personalisation in Information Retrieval - WEPIR'2018 held at ACM SIGIR CHIIR'2018*, (pp. 3). New Brunswick, NJ, March 15, 2018.

WP41 Ye, Z., **Gwizdka**, J., Zhang, Y., Sun, Y., & Lopes, C.T. (2017). Towards understanding consumers' quality evaluation of online health information: A case study. *Proceedings of the 80th Association for Information Science & Technology Annual Meeting-*

ASIS&T'2017, Crystal City, VA, Oct. 27-Nov 1.

WP40 Chizari, S., & **Gwizdka**, J. (2017). User's Log Data vs. Gaze Data: A Case Study of Native and Non-Native English Speakers. Paper presented at NeuroIIR'2017 workshop. Oslo, Norway.

WP39 **Gwizdka**, J., & Mostafa, J. (2017). NeuroIIR 2017: Challenges in Bringing Neuroscience to Research in Human-Information Interaction. In *Proceedings of the 2017 ACM on Conference on Human Information Interaction and Retrieval*. New York, NY, USA: ACM. doi:10.1145/3020165.3022165

WP38 Bilal, D., **Gwizdka, J**. (2016). Children's Eye-fixations on Google Search Results. Short paper / poster presented at *79th annual meeting of the American Society for Information Systems and Technology ASIST'2016*, Copenhagen, Denmark.

WP37 **Gwizdka, J**., Chen, X. (2016). Towards Observable Indicators of Learning on Search. In Gwizdka, J., Hansen, P., Hauff, C., He, J., Kando, N. (Eds.). (2016). *CEUR Workshop Proceedings: 1647. Proceedings of the Second International Workshop on Search as Learning co-located with the 39th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2016)*. Pisa, Italy, July 21st, 2016. Aachen, Germany: CEUR. Available at: http://CEUR-WS.org/Vol-1647

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WP35 **Gwizdka**, J., Jose, J., Mostafa, J., & Wilson, M. (2015). NeuroIR 2015: Neuro-Physiological Methods in IR Research. *In Proceedings of the 38th International ACM SIGIR Conference on Research and Development in Information Retrieval* (pp. 1151–1153). New York, NY, USA: ACM. doi:10.1145/2766462.2767856

WP34 **Gwizdka, J**., Zhang, Y. (2015). Towards Inferring Web Page Relevance – An Eye-Tracking Study. Poster presented at *iConference'2015*, Newport Beach, CA.

WP33 Zhang, Y., **Gwizdka, J**. (2014). Effects of Tasks at Similar and Different Complexity Level. Poster presented at the *77th annual meeting of the American Society for Information Systems and Technology* (ASIS&T), Seattle, WA.

WP32 **Gwizdka, J**. (2014). Tracking Information Relevance. In *Proceedings of the Gmunden Retreat on NeuroIS 2014*. (pp. 29-31). June 5-7, 2014. Gmunden, Austria

WP31 **Gwizdka, J**. (2013). Searchers Switch Tactics Under Increased Mental Load. Poster presented at the *76th annual meeting of the American Society for Information Systems and Technology* (ASIS&T), Montreal, QC, Canada

WP30 **Gwizdka, J**. (2013). Looking for Information Relevance In the Brain. In *Proceedings of the Gmunden Retreat on NeuroIS 2013*. June 1-4, 2013. (p. 14). Gmunden, Austria. **Dr. H. Zemlicka most visionary paper award.**

WP29 Cole, M., **Gwizdka, J.,** Liu, C., Belkin, NJ. (2012). Predicting Task Difficulty from a User's Moment to Moment Cognitive Effort During Information Seeking. Poster presented at the Sixth Symposium on Human-Computer Interaction and Information Retrieval (HCIR'2012). Cambridge, MA. October 4-5, 2012

WP28 **Gwizdka, J**. Cole, M. (2012). Towards Neuro–Information Science. Presented at the *Gmunden Retreat on NeuroIS 2012*. June 3-6, 2012. Gmunden, Austria.

WP27 **Gwizdka, J**. Cole, M. (2011). Inferring Cognitive States from Multimodal Measures in Info Science. Paper presented at *Workshop on Inferring Cognitive and Emotional States from Multimodal Measures (MMCogEmS 2011)*, November 17, 2011. Alicante, Spain.

WP26 **Gwizdka, J**. Cole, M. (2011) Least Effort? Not If I Can Search More. Presented at *the firth Workshop on Human-Computer Interaction and Information Retrieval HCIR'2011*.

WP25 Liu, C., Cole, M., Belkin N.J., & **Gwizdka, J**. (2011) Exploring the Effect of Task Difficulty on Search Behaviors by Different Users. Presented at *the firth Workshop on Human-Computer Interaction and Information Retrieval HCIR'2011*.

WP24 Cole, M., **Gwizdka J**., Belkin N.J., & Liu, C. (2011) User Domain Knowledge is Correlated with Eye Movement Patterns During Search. Presented at *the firth Workshop on Human-Computer Interaction and Information Retrieval HCIR'2011*.

WP23 **Gwizdka, J**. (2011). Visualizing Search Sequences. *Short paper and video in Proceedings of the 74th Annual Meeting of the American Society for Information Science & Technology (ASIS&T 2011).*

WP22 Liu, C., Liu, J., Belkin, N.J., Cole, M., **Gwizdka, J**. (2011). Using Dwell Time as an Implicit Measure of Usefulness in Different Task Types. Short paper and poster in *Proceedings of the 74th Annual Meeting of the American Society for Information Science & Technology (ASIS&T 2011)*. SIG USE 2011 Best Poster in Information Behavior

WP21 Cole, M., **Gwizdka**, **J**., Belkin, N.J. (2011). Physiological Data as Metadata. *SIGIR 2011 Workshop on Enriching Information Retrieval (ENIR 2011)*. July 28, 2011, Beijing, China.

WP20 Liu, C., Belkin, NJ., Cole, M., **Gwizdka, J.** (2011). Personalization of Information Retrieval in Different Types of Tasks. *SIGIR 2011 Workshop on Enriching Information Retrieval (ENIR 2011)*. July 28, 2011, Beijing, China.

WP19 **Gwizdka, J**. (2011). Cognitive Ability Effects on Effort in Web Search and Navigation. *21st annual meeting of the Society for Text and Discourse*. Poitiers, France. July 11-13, 2011.

WP18 **Gwizdka, J.** & Cole, M.J. (2010, August). Eye movement patterns and interaction for high level information seeking. Paper presented at the Eye-Tracking = Reading the Mind Workshop. *European Conference on Cognitive Ergonomics (ECCE)*, Delft, The Netherlands. August 25-27, 2010.

WP17 Bierig, R., **Gwizdka, J.**, Cole, M.J., & Belkin, N.J. (2010). An experiment data analysis framework: Evaluating interactive information behaviour with R. Paper presented at the 6th NIST R User Conference (useR!), Gaithersburg, MD.

WP16 Bierig, R., Cole, M.J., **Gwizdka, J.**, & Belkin, N.J. (2010). An experiment and analysis system framework for the evaluation of contextual relationships. In B.-L. Doan, J. Jose, M. Melucci, & L. Tamine-Lechani (Eds.), *CEUR Workshop Proceedings: 569. Proceedings of the 2nd International Workshop on Contextual Information Access, Seeking and Retrieval Evaluation (CIRSE'2010)* (pp. 5-8). Aachen, Germany: CEUR. Available online at <http://ceur-ws.org/Vol-569/paper3.pdf>

WP15 Bierig, R., Cole, M., **Gwizdka**, J., & Belkin, N. J. (2010). A Data Analysis and Modelling Framework for the Evaluation of Interactive Information Retrieval. In *Advances in Information Retrieval* (*ECIR'2010*). (pp. 673–674). Springer, Berlin, Heidelberg. doi:10.1007/978-3-642-12275-0_76.

WP14 Liu, C., **Gwizdka, J.**, & Belkin, N.J. (2010). Analysis of query reformulation types on different search tasks. In *Proceedings of the 2010 iSchool iConference* (pp. 477-485). Urbana-Champaign, IL: University of Illinois.

WP13 **Gwizdka, J.** & Bakelaar, P. (2009). Navigating one million tags. *Short paper and poster presented at the 72nd annual meeting of the American Society for Information Systems and Technology (ASIS&T),* Vancouver, BC, Canada.

WP12 Cole, M.J., Liu, J., Belkin, N.J., Bierig, R., **Gwizdka, J.**, Liu, C., Zhang, J., & Zhang, X. (2009). Usefulness as the criterion for evaluation of interactive information retrieval. In *Proceedings of the third Workshop on Human-Computer Interaction and Information Retrieval HCIR'2009* (pp. 1-4). Washington, DC: Catholic University of America.

WP11 **Gwizdka, J**. (2009). Cognitive load and web search tasks. In *Proceedings of the third Workshop on Human-Computer Interaction and Information Retrieval HCIR'2009* (pp. 54-57). Washington, DC: Catholic University of America.

WP10 Bierig, R., Cole., M.J., & **Gwizdka, J**. (2009). A user-centered experiment and logging framework for interactive information retrieval. In N.J. Belkin, R. Bierig, G. Buscher, L. van Elst, J. Gwizdka, J. Jose, et al. (Eds.), *CEUR Workshop Proceedings: 512. Proceedings of the SIGIR 2009 Workshop on Understanding the User: Logging and interpreting user interactions in information search and retrieval* [UIIR'2009] (pp. 8-11). Aachen, Germany: CEUR. <http://ceur-ws.org/Vol-512/paper02.pdf>.

WP09 Cole, M.J. & **Gwizdka, J**. (2008). Tagging semantics: Investigations with WordNet. In *Proceedings of the 8th ACM/IEEE-CS Joint Conference on Digital Libraries* [JCDL'2008] (pp. 446). New York: ACM Press.

WP08 **Gwizdka, J**. (2008). Assessing cognitive load on web search tasks. In J.J. Cañas & H. Van Oostendorp (Eds). *Proceedings of the Workshop on Cognition and the Web, Information Processing, Comprehension, and Learning* (pp. 83-86). Granada, Spain: University of Granada.

WP07 **Gwizdka, J.** (2007, June). Digital library interfaces for cognitive diversity. *Position paper presented at the 10th DELOS Thematic Workshop on Personalized Access, Profile Management, and Context Awareness in Digital Libraries (PersDL'2007)*, Corfu, Greece.

WP06 **Gwizdka, J**. (2006, August). Finding to keep and organize: Personal information collections as context. *Position paper presented at the Workshop on Personal Information Management: Now That We're Talking, What Are We Learning? ACM SIGIR Conference on Research and Development in Information Retrieval*, Seattle, WA.

WP05 Bergman, O., Boardman, R., **Gwizdka, J.**, & Jones, W. (2004). Personal information management. In *CHI '04 extended abstracts on human factors in computing systems* (pp. 1598-1599). New York: ACM Press. (acceptance rate: 32%)

WP04 **Gwizdka, J**. (2004). Time design for personal information management. Position paper presented at the Time Design Workshop. *ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '04*), Vienna, Austria.

WP03 **Gwizdka, J**. (2002). Email land—An exploration of email user interfaces supporting pending tasks. In *UIST '02 adjunct proceedings of the 15th Annual ACM Symposium on User Interface Software and Technology* (pp. 9-10). New York: ACM Press.

WP02 **Gwizdka, J.**, Ruppenthal, L., & Chignell, M.H. (2000, April). Personalization of PIM functionality within mobile devices. *Position paper presented at the Workshop on Future Mobile Device Interfaces. ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '00),* The Hague, the Netherlands.

WP01 **Gwizdka, J.** (200l). What's in the context?. Position paper presented at the Workshop on The What, Who, Where, When, and How of Context-Awareness. *ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '00)*, The Hague, The Netherlands.

Other Conference Papers, Abstracts, Posters (not peer reviewed)

CN05 Zhang, Y. **Gwizdka**, J., Lopes, C.T. (2016). Consumers' Evaluation of Online Health Information: A Mixed Method Study. *Poster presented at annual UT Austin|Portugal conference in Lisbon*, Portugal. (May, 2016)

CN04 Bilal, D., **Gwizdka, J**. (2016). Exploring Children's Reading Behavior of Google SERPs in the Context of Searching: Methodological Approaches and Challenges. *Presented at 8th International Conference on Qualitative and Quantitative Methods in Libraries QQML'2016*. May 24 - 27, 2016, London, UK.

CN03 **Gwizdka, J**. (2012). Continuous Assessment of Cognitive Load in Information Seeking. *Poster presented at ALISE'2012*. January 17-20, 2012. Dallas, TX.

CN02 Belkin, N.J., Cole, M.J., **Gwizdka, J.**, Li, Y.-L., Liu, J.-J., Muresan, G., Roussinov, D., Smith, C.A., Taylor, A., & Yuan, X.-J. (2005). Rutgers Information Interaction Lab at TREC 2005: Trying HARD. In E.M. Voorhees & L.P. Buckland (Eds.), *The 14th Text REtrieval Conference proceedings* (NIST Special Publication No. 500-266). Gaithersburg, MD: NIST.

CN01 **Gwizdka, J.** (1994). Scentralizowane rozwiazanie startowania stacji roboczych PC w srodowisku sieci lokalnych: Rozwiazanie dla Novell NetWare [The centralized approach to remote booting of client PCs in LAN environments: A solution for Novell NetWare]. *Paper presented at the 2nd Conference on Network Information Systems*, Łódź, Poland.

Technical Reports (not peer reviewed)

R08 **Gwizdka**, J., & Rieh, S. Y. (Eds.). (2023). CHIIR '23: Proceedings of the 2023 conference on human information interaction and retrieval. Association for Computing Machinery. CITE

R07 **Gwizdka, J.** & Mostafa, J. (2016). NeuroIR 2015: SIGIR 2015 Workshop on Neuro-Physiological Methods in IR Research. SIGIR Forum, 49(2), 83–88. doi:10.1145/2888422.2888435

R06 Freund, L., **Gwizdka, J**., Hansen, P., Kando, N., & Rieh, S.Y. (2013). From Searching to Learning. *In M. Agosti, N. Fuhr,*

E. Toms, & P. Vakkari (Eds.), Evaluation Methodologies in Information Retrieval (Dagstuhl Seminar Report 13441, pp. 102–105). Retrieved from http://drops.dagstuhl.de/opus/volltexte/2014/4433

R05 Buscher, G., **Gwizdka, J.**, Teevan, J., Belkin, N.J., Bierig, R., van Elst, L., & Jose, J. (2009). SIGIR 2009 Workshop on Understanding the User – Logging and interpreting user interactions in information search and retrieval (UIIR). *ACM SIGIR Forum*, 43(2), 57-62.

R04 **Gwizdka, J.** & Whittaker, S., (2003, March/April). Redesigning email for the 21st century: A CSCW 2002 workshop report. *ACM SIGCHI Bulletin*, 35(2), 16.

R03 **Gwizdka, J.** (1999). You have pressed an invalid key, please try again… Perceptual and cognitive limitations of interactive voice-response systems (a.k.a. phone-based interfaces). (IML Tech. Rep. No. IML-99-02). Toronto: University of Toronto.

R02 **Gwizdka, J.** & Chignell, M.H. (1999). Towards information retrieval measures for evaluation of web search engines. (IML Tech. Rep. No. IML-99-01). Toronto: University of Toronto.

R01 Bly, S., Wilcox, L., Chiu, P., & **Gwizdka, J**. (1997). Finding information in handwritten notes: A study of indexing. (FX-PAL Tech. Rep. No. x). Palo Alto, CA: Fuji-Xerox.

Professional Magazines

M02 **Gwizdka, J.** (1996, July/August). Implementation of dynamic buttons: The UI perspective. In *PDA Developers: A Technical Journal for PDA Developers*.

M01 **Gwizdka, J.** (1996, May/June). NewtEEN: An electronic notebook for unintrusive knowledge acquisition - Extending the Newton's NotePad. In *PDA Developers: A Technical Journal for PDA Developers*.

Book Translations

BT01 **Gwizdka, J.** (1986). Turbo Pascal. Programming Language Manual. Borland International. (from English into Polish).

PATENTS

Baldonado, M.Q.W., Cousins, S.B., Zellweger, P.T., Paepcke, A., & **Gwizdka, J**. (2011). Systems and methods for annotating objects when the annotation device differs from the viewing device. US Patent 8,074,165.

Wilcox, L., Chiu, P., & **Gwizdka, J.** (2002). System for recording, annotating and indexing audio data. US Patent. 6,404,856.

SCHOLARLY PRESENTATIONS

Selected Invited Presentations, Lectures, or Panels

Neuro-physiological evidence as a basis for understanding human-information interaction. (June 26, 2023). Technical University of Łódź.

Neuro-physiological evidence as a basis for understanding human-information interaction. (June 20, 2023). University of Warsaw.

Neuro-physiological evidence as a basis for understanding human-information interaction. (June 8, 2023). University of Luxembourg.

How Eye-tracking in eXtended Reality is Affecting Future-of-Work (December 15, 2022). Invited keynote at a conference: Technologie rozszerzające możliwości człowieka w pracy przyszłości. Łódź University of Technology. Poland.

Neuro-physiological evidence as a basis for understanding human-information interaction. (Nov 5/6, 2023). Conference IWHEC 2022, China

What Can We Learn About User Experience From Eye-tracking? (June 27, 2022). Invited lecture at Łódź HCI Summer School. Łódź University of Technology. Poland.

Eye-tracking for NeuroIS. (February 16, 2021). HEC - École des hautes études commerciales de Montréal (Business School), QC, Canada.

Neuro-physiological evidence as a basis for understanding human-information interaction. (December 9, 2019). Invited TechTalk speaker at Applied Research Laboratories, Austin TX, USA.

Wykorzystanie sygnałów neuro-fizjologicznych do pełniejszego rozumienia ludzi i ich interakcji z informacją. (Neuro-physiological signals in support of better understanding human information interaction) (September 12, 2019). Invited speaker at II Światowe Forum Nauki Polskiej poza Granicami Kraju (The second World-wide forum of Polish Science Abroad). Pułtusk, Poland.

Implicit Evidence as a Basis for Studying Information Search. (November 16, 2018). iSchool, University of British Columbia. Vancouver, BC, Canada

Capturing User Experience: Methods and Tools (March 2018). School of Information Sciences. The University of Tennessee, Knoxville. USA

From Sensors to Making Sense of Information Searchers' Cognitive States and Goals. (2017, October). Invited panelist at *From Sensors to Sense-Making: Opportunities and Challenges for Information Science* panel at the 80th annual meeting of the American Society for Information Systems and Technology ASIST'2017, Washington DC, USA.

Eye-Tracking & HCI (2016, October). Invited lecture at Department of Microelectronics and Computer Science (DMCS), Faculty of Electrical, Electronic, Computer and Control Engineering, Technical University of Łódź, Łódź, Poland.

Some Fundamentals of HCI. From human action cycle, mental models, to design principles and ... eye-tracking (2016, October). Invited lecture at Departamento de Ciência de Computadores Faculdade de Ciências da Universidade do Porto, Porto, Portugal

Neuro-Physiological Evidence as a Basis for Studying Search. (2016, October). Invited lecture at Departamento de Engenharia Informática da Universidade do Porto, Porto, Portugal.

Top Ranked Search Results and What They Mean? Misconception or Missed Information Literacy Education? (2016, October). Invited panelist at *Information literacy: Bridging the gap between theory and practice* panel at the 79th annual meeting of the American Society

for Information Systems and Technology ASIST'2016, Copenhagen, Denmark.

User Centered Evaluation Approaches in Interactive Information Retrieval. (2016, March). Invited expert panelist at the 1st International Workshop on System and User Centered Evaluation Approaches in Interactive Information Retrieval (SAUCE'2016), held in conjunction with CHIIR'2016 conference. Chapel Hill, NC.

Neuro-Physiological Evidence as a Basis for Studying Search. (2015, December). Invited talk presented at the Department of Library and Information Science, Rutgers University, New Brunswick, NJ.

Learning about People and their Tasks from Eye-Tracking. (2011, November). Invited talk presented at the Department of Developmental and Educational Psychology, University of Valencia. Spain.

Cognitive Ability Effects on Effort in Web Search and Navigation. (2011, July). Invited contribution to symposium on Cognition and Web at the 21st annual meeting of the Society for Text and Discourse. Poitiers, France. July 11-13, 2011.

Learning about Information Searchers from Eye-Tracking. (2011, April). Invited talk at University of Missouri. Columbia, MO.

Eye tracking = reading the mind. (2010, August). Invited workshop participant at the 28th European Conference on Cognitive Ergonomics (ECCE 2010), Delft, The Netherlands.

Do digital libraries require anything special from personalization? (2007, June). Invited panelist at the 10th DELOS Thematic Workshop on Personalized Access, Profile Management, and Context Awareness in Digital Libraries, Corfu, Greece.

Future directions in email visualization. (2005, June). Invited panelist at the Email Archive Visualization Workshop, Human-Computer Interaction Lab, University of Maryland, College Park, MD.

Interacting with scientific publication databases: Successful search scenarios and the UCD process. (2005, March). Invited speaker at Elsevier Scopus, Poland.

Selected Other Presentations, Lectures, Panels or Demos (Note: only items *not* listed elsewhere)

Psycho-physiological Methods in Information Science: Fit or Fad? Presented at session at *iConference'2015*. Newport Beach, CA, March

Searching as Learning: Novel Measures for Information Interaction Research. Panel presentation at *ASIST'2014*, Seattle, WA, Nov, 2014.

YASFIIRE: Yet Another System for IIR Evaluation. Demo presented at *IIiX'2014*, Regensburg, Germany, August, 2014.

Applications of Neuroimaging in Information Science: Challenges and Opportunities. Panel chair and presenter at ASIST'2013.

Towards Interaction models derived from eye-tracking. Presented at the *Polish IA/UX/HCI Summit 2012*. Warsaw, April 18-20, 2012

iThinking: Mobile tablet computers for active learning. (2009, December). Demonstration of classroom technology presented at the Rutgers University Office of Instructional and Research Technology (OIRT) Showcase, New Brunswick, NJ.

Demos at the *72nd annual meeting of the American Society for Information Science & Technology (ASIS&T'2009),* Vancouver, BC, Canada: 1) *PooDLE IIR Modeling Exploration System (DAMFIR).* Experimental system demo. 2) *Tag Trails interface.* Search interface demo.

Workshop on Understanding the User. Logging and interpreting user interactions in information search and retrieval (UIIR). (2009, July). Workshop co-organizer and co-leader at the 32nd *ACM SIGIR Conference on Research and Development in Information Retrieval*, Boston, MA.

Tools for user-centered design. (2003, April). Session chair at the 21st *ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '03)*, Fort Lauderdale, FL

RESEARCH SOFTWARE DEVELOPED and SUPERVISED

YASBIL	YASBIL: Yet Another Search Behaviour (and) Interaction Logger – supervised student's work
EyeMeasure	Real-time task performance measurement based on eye-tracking data;– supervised student's work
YASFIIRE	Yet Another System for IIR Evaluation. JavaScript, PHP, SQL – supervised students' work
DAMFIR	Data Analysis & Modeling Framework for Evaluation of IIR. Java, PHP, SQL – supervised students' work
TagTrails	Exploratory system for tagged documents. PHP, SQL – co-developed & supervised student's work
LogJq	Processing & managing multiple interaction logs. Java, SQL – co-developed & supervised student's work
WiIRE-2	Web Interactive Information Retrieval Experimental system. PHP, SQL, HTML, JS - individual work
WebTaskMail	Prototype web email system for pending tasks. PHP, SQL, HTML, JS - individual work
Email Land	Zoomable 2D email interface. Java; ZUI framework: Piccolo - individual work
TaskView	Time-based email interface. Java, Java-COM interface - individual work
Notable	Document annotation system for PDAs (Xerox PARC). Java (8,000), C++ (10,000) (US Patent 8,074,165)
FotoFile	Multimedia Organization and Retrieval System (HP Labs). Java - teamwork
EEN	Electronic Engineering Notebook. Java (8,500 lines); NewtonScript, PERL, Prolog - individual work
DynoPhone	Electronic notebook capturing digital ink and audio - integrated with an Internet phone. (FXPAL) C++ on Windows'95 with Pen Services 2.0 (US Patent 6,404,856)
KAD	Knowledge Aided Engineering. UI to an engineering knowledge base. Java, Prolog - teamwork
IAMS	Issues and Actions Management System. Web-based client-server application Client: HTML, JavaScript; Server: PERL, Prolog - teamwork

AWARDS, HONORS & FELLOWSHIPS

2021	ASIST SIG-USE Best paper at ASIST annual conference 2021.
2019	Best short paper at ACM ETRA'2019 conference with iSchool doctoral students I.A. Ebeid, N. Bhattacharya, and faculty colleague A. Sarkar.
2018	Diploma in recognition of Academic Service to the NeuroIS Community awarded by NeuroIS Conference
2015	Distinguished Fellow of the Kosciuszko Foundation Collegium of Eminent Scientists
2014	Google Faculty Research Award (with Prof. Dania Bilal)
2013	Dr. H. Zemlicka Award for the "most visionary paper" presented at NeuroIS'2013 in Gmunden, Austria

2011	"Internet Research" (Emerald) Best Paper in the Interactive Information & Design Track at ASIST 2011
2011	SIGUSE 2011 Best Poster in Information Behavior
2011	IMLS CAREER Development Award. (8.3% success rate; 2 awards given in 2011)
2011	Google Faculty Research Award
2010	Recognized as ACM Senior Member
2004-2005	CITO Post Doctoral Fellowship in the Dept. of Psychology, University of Toronto ($45,000 p.a.)
2002 & 2004	Knowledge Media Design Institute (KMDI) Fellowship Grants, University of Toronto
2002-2004	Graduate Fellow in the Knowledge Media Design Institute (KMDI), University of Toronto
04.2002	Awarded participation in the ACM SIGCHI Doctoral Consortium at the CHI'2002 conference (acceptance rate: 34%)
1998-2000	National Science and Engineering Research Council Graduate Scholarship (NSERC: PGS-B)
1997-98;00-01	Ontario Graduate Scholarship (OGS)
1995-97	University of Toronto Open Fellowships
1986	First Place in the Competition for a Lecturer Position in the Department of Applied Physics & Mathematics, Technical University of Łódź (did not accept)
1985	First prize from the Society of Polish Electrical Engineers (SEP) for the Master Thesis
1984-1985	Ministry of Science, Education & Technology National-level Scholarship (top 2% nationwide)

TEACHING [GRADUATE COURSE INSTRUCTOR, UNLESS INDICATED OTHERWISE]

IN TOTAL: 19 DIFFERENT COURSES TAUGHT 61 TIMES

Human-Computer Interaction and User Experience Design [11 DIFFERENT COURSES TAUGHT 42 TIMES]

Introduction to User Experience Design |I 310U| Spring 2021-2022 [2 TIMES]
Undergraduate course - School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Human-Computer Interaction |INF 385C| Spring 2014, Fall 2014-2023 [11 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Projects in HCI |INF 385K| Fall 2013, Spring 2015, 2017, 2018, 2019 [5 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Quantifying User Experience |INF 385T| Fall 2020-2021, Fall 2023 [3 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Evaluation of Interactive Technologies |INF 350C| Spring 2019, 2020 [2 TIMES]
Undergraduate course - School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Mobile Interaction Design |INF 385T| Spring 2013, 2014, 2015 [3 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Interface Design |MLIS 512| Fall 2006-11 on-line; Spring 2006,'08,'10-'12 on-campus [11 TIMES]
Department of Library and Information Science, Rutgers University; *Course Instructor and Redesigner*

Human-Computer Interaction (with Mobile Apps design) |ITI 230| Fall 2006-2010 [5 TIMES]
Undergraduate course - Department of Library and Information Science, Rutgers U; *Course Instructor and **Creator***

Information Visualization |FIS 2182| Spring 2005 [1 TIME]
Faculty of Information Studies, University of Toronto; *Course Co-Instructor and **Co-Creator*** (with Dr. David Modjeska)

Interacting with Information Systems |FIS 2179| Fall 2004 (the 1st course taught as an instructor) [1 TIME]
Faculty of Information Studies, University of Toronto; *Course Instructor*

Human-Computer Interaction and Communication |CCT 380| Summer 2004 [ASSISTED ONLY, NOT COUNTED]
Undergraduate - Communication, Culture & Information Technology, University of Toronto, *Assistant Instructor*

Technical Courses [6 DIFFERENT COURSES TAUGHT 13 TIMES]

Database Management |INF 385M| Spring & Fall 2013, Fall 2014 & 2015 [4 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and Re-designer*

Information Retrieval Theory |PHD 698/614| Spring 2012 [1 TIME]
Doctoral seminar - Department of Library and Information Science, Rutgers University; *Course Instructor*

Information Retrieval |MLIS 551| Spring 2008 [1 TIME]
Department of Library and Information Science, Rutgers University; *Course Instructor*

Digital Library Technology |MLIS 558| Spring 2011 on-line [1 TIME]
Department of Library and Information Science, Rutgers University; *Course Instructor*

Object-Oriented Programming |ITI 202| Spring 2007, Spring 2006 (co-taught with Dr. G. Muresan) [2 TIMES]
Undergraduate– Dept. of Library & Information Science, Rutgers University; *Course Instructor* & *Co-Instructor*

Information Technologies for Libraries & Information Agencies |MLIS 550| Fall 2005, '11, Spring 2007, '10
Department of Library and Information Science, Rutgers University; *Course Instructor* [4 TIMES]

Research Courses [2 DIFFERENT COURSES TAUGHT 4 TIMES]

Quantitative Research Methods|INF 391F| Fall 2022 [1 TIME]
Doctoral - School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Understanding Research |INF 397C| Spring & Fall 2017-2018 [3 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and Re-designer*

STUDENT ADVISING AND MENTORING

Doctoral advisor – Chair of doctoral committees at UT Austin (2 in progress)

1. Yao-Cheng Chan, (2020.09-)
2. Li Shi, (2020.09-)
3. Nilavra Bhattacharya, (2017.09-2023.05) Dissertation title: "LongSAL: A Longitudinal Search as Learning Study
4. With University Students". **Successfully defended**
5. Yung-Sheng Chang, (2016.09-2022.08). Dissertation title: "eHealth Literacy and Information Search Behaviors: An Experimental Study". **Successfully defended**

Member of doctoral committees at UT Austin (3 successfully defended, 1 withdrawn and 1 in progress)

6. "Circumventing Network Filtering with Polymorphic Protocol Shapeshifting", 2016.05, Brandon Wiley, UT Austin
7. "Consumer Health Information Seeking Using Mobile Devices", Henna Kim, UT Austin (withdrew from the program)
8. "Developing a framework to evaluate the types and dose of tailored information in mobile apps for chronic condition self-management among older adults", 2019.03, Ivan Watkins, UT Austin
9. Nitin Verma, UT Austin (defended, July 2023)
10. Jiaying Liu, UT Austin (in progress)

Member of doctoral committees before UT Austin (6 successfully defended)

11. "Modeling the Information Seeking Task Process as Sequences of Behaviors", 2015.12, Michael Cole, LIS, Rutgers University, (now a senior researcher at Lexis-Nexis, NY)
12. "The Process of Organizing Personal Information", 2013.08, Kyong Eun Oh, LIS, Rutgers University, NJ, USA (now an assistant professor at Simmons College, Boston, MA)
13. "Personalizing Information Retrieval in Different Types of Tasks", 2012.09, Chang Liu, LIS, Rutgers University, NJ, USA (now an associate professor at Peking University, Bejing, China)
14. "Personalizing Information Retrieval Using Task Features, Topic Knowledge, and Task Products", 2010.10, Jingjng Liu, LIS, Rutgers University, NJ, US (now an assistant professor at University of South Carolina)
15. "The Effect of Task and Personal Relevance on Credibility Judgments on the Internet", 2010.09, Andrew Kirkyla, LIS, Rutgers University, NJ, USA
16. "Relationships among Work Tasks, Search Tasks, and Interactive Information Searching Behavior", 2008.01, Yuelin Li, LIS, Rutgers University, NJ, USA (now a full professor at Nankai University)

External doctoral committee member or examiner (4 successfully defended)

17. "Understanding user search behavior in everyday creative tasks" (2019), Yinglong Zhang, University of North Carolina at Chapel Hill (defended December 2019)
18. "Exploring the Role of Culture in Online Searching Behavior from a Cognitive Perspective", (2016-2017), Sara Chizari, University of South Carolina (defended May 2017)
19. "User relevance assessment of personal finance information: What is the role of cognitive abilities?", (2015-2018), Kathy Brennan, University of North Carolina at Chapel Hill (defended May 2018)
20. External examiner on dissertation "Adaptive Multimodal Integration of Speech and Gaze", Chandra Sekhar Mantravadi (Rutgers, ECE) (defended March 2009)

Other doctoral advising at UT Austin

Supervised over 20 PhD-level individual research and reading courses.
Supervised over 20 PhD-level Graduate Research Assistants [in student-semesters]

Master's students advising at UT Austin

Supervised 2 Masters' Reports, Reader of 1 Master's Thesis
MSIS program advisees: 18 in Fall 2019; 17 in Fall 2018; 21 in Spring 2018; 9 in Fall 2017; 9 in Fall 2016.
Supervised 4 Master-level independent studies; 1 capstone project; 1 practicum
Supervised 27 Master-level Graduate Research Assistants [in student-semesters]

Master's students advising international

Buse Ismihan Ilhan, Master's Thesis (2023-in progress); Technical University of Łódź

Undergraduate advising at UT Austin

Supervised 3 undergraduate research projects

Other doctoral advising before UT Austin

Member of 5 PhD qualifying exam committees; chair of one PhD qualifying exam
Supervised 4 PhD-level individual research practica and 13 PhD research assistants [in student-semesters]

Master's students advising before UT Austin

Supervised 6 Master-level independent studies and 3 research assistants

Undergraduate advising before UT Austin

Supervised 6 undergraduate research projects or internships

Postdoc advising at UT Austin

2019-present Co-supervised post-doctoral research and teaching fellow (Dr. John Robert Bautista)

Postdoc advising before UT Austin

2008-2011 Co-supervised post-doctoral research fellow (Dr. Ralf Bierig – PooDLE project - DAMFIR software)

PROFESSIONAL TEACHING & INSTRUCTION

Personal Information Management in Theory and Practice: April 2007, August 2006, April 2006
One-day professional course/tutorial taught at conferences: CHI'07, SIGIR'06, CHI'06. *Co-Instructor with Dr. William Jones*

TEACHING TRAINING ATTENDED

2010-present	Periodic individual consultations with experts from centers for teaching at Rutgers University and at the University of Texas at Austin
2006-2010	Attended pedagogy seminars and workshops on effective teaching offered by Center for Teaching Advancement and Assessment Research, Rutgers University
Winter 2001	Oral Presentation Skills Course, School of Graduate Studies, University of Toronto, Canada
Fall 2001	THE500 – Teaching in Higher Education, Woodsworth College, University of Toronto, Canada

SERVICE TO PROFESSION

Service to Professional Organizations

2013	ASIS&T Education Committee Co-Chair

Journal Editorial Boards and Reviewing

2022-present	Editorial Board *Annual Review of Information Science and Technology* (ARIST - Wiley)
2018.09-2019.08	Invited expert reviewer for special issue of *Information Processing & Management* (Elsevier) on "Information Need"
2017-present	Invited member of Editorial Advisory Board – *Information & Learning Science* (new Emerald journal)
2017-2019	Lead guest co-editor for special issue on Neuro-Information Science for *Journal of the Association for Information Science & Technology*
2015-2017	Guest co-editor for two special issues on Search as Learning for *Journal of Information Science* (Emerald) and *Information Retrieval Journal* (Springer)
2014-present	Member of Editorial Board – *Information Processing & Management* (Elsevier)
2009-present	Associate Editor – *Interacting with Computers* (Oxford, formerly Elsevier)
Reviewer for:	Journals (*Journal of the Association for Information Science and Technology (formerly American Society for Information Science & Technology)* , *ACM Transactions on Information Systems, ACM Transactions on Computer-Human Interaction, Interacting with Computers, Information Processing & Management, AIS Transactions on Human-Computer Interaction, IEEE Transactions on Human-Machine Systems, Nuclear Engineering and Technology)*, books and edited works (*ARIS&T*, Morgan Kaufman Publishers), conferences (*ACM SIGCHI*, CHIIR, *SIGIR, ETRA, ETWEB, ECIR, IIiX, iConference, ASIS&T, NeuroIS, HICSS)*, numerous workshops *(HCIR, PIM, Email, etc.*) Scientific proposals for Estonian Science Foundation (ETF); national consortia proposals (each valued at $21.5M) for Polish government's national strategic program; both by invitation.
2000-2004	Founding editor of the University of Toronto Interactive Media Lab's Technical Report Series

Conference/Workshop Organization and Program Committees

2021-23	CHIIR'2023, General Conference Co-Chair
2021-22	CHIIR'2022, Senior Program Committee member
2021	Hypertext'2021, Human-information interaction, search and retrieval track chair
2020-21	CHIIR'2021, Senior Program Committee member
2020	CHIIR'2020, Doctoral Consortium Faculty Mentor (invited)
2019	CHIIR'2019, Doctoral Consortium Faculty Mentor (invited)
2017-2018	CHIIR'2018, Doctoral Consortium Co-Chair
2017	NeuroIIR'2017, ACM CHIIR Workshop Co-organizer and co-leader
2016	SAL'2016, SIGIR Workshop Co-organizer
2015-2016	CHIIR'2016, Short-paper Co-Chair
2015	NeuroIR'2015, SIGIR Workshop Co-organizer and Chair
2014-	NeuroIS conference Program Committee
2014	SAL'2014 – Searching as Learning, IIiX Workshop Co-Organizer and Co-Chair
2013	ASIS&T'2013 Panel on Neuroimaging in Information Science – Organizer and Moderator
2012, 2014	Information Seeking in Context Symposium (IIiX) – Program Committee
2011	ASIST'2011 Interactive Information & Design Track – Program Committee

	INTERACT'2011 – Associate Paper Chair
2010-2011	iConference 2010 – Program Committee
2009-2010	Information Seeking in Context Symposium (IIiX'2010) – Publicity Chair
2009	ASIS&T'2009 Personalization Panel Co-organizer and PIM Workshop Co-chair
	SIGIR'2009 Workshop on Logging Information Interaction – Workshop Co-chair
2008	AAAI'2008 Workshop on Enhanced Messaging – Program Committee
	CHI'2008 Workshop on Personal Information Management – Publicity Chair
2006	SIGIR'2006 Workshop on Evaluating Exploratory Search Systems – Program Committee
	SIGIR'2006 Workshop on Personal Information Management – Submissions Chair
11.2005	Co-sponsored the World Usability Day at Rutgers University
27-29.01.2005	NSF-Sponsored workshop on Personal Information Management – Organizing Committee member
2004-2005	Knowledge Media Design Institute (KMDI) – Steering Committee Member
2004	Special Interest Group on Personal Information Management (CHI '04) – Co-organizer and co-leader
2003	Tools for User-Centered Design (CHI '03) – Paper session chair
2002	Workshop on Redesigning Email for the 21st Century (CSCW'02) – Co-organizer and leader

SERVICE TO THE SCHOOL AND UNIVERSITY

2022.09-12	UT Austin iSchool Research Colloquium Committee Chair
2020.09-present	UT Austin iSchool IRB coordinator
2020.09-2021.06	UT Austin Hispanic Serving Institution: Transition Committee's Faculty Engagement Subcommittee
2020.09-2021.08	UT Austin iSchool Undergraduate Committee
2016.12-present	Committee for Bridging Disciplines Program (BDP) certificate in Integrated Design
2019.09-present	UT Austin iSchool Extended Budget Council
2019.09-present	UT Austin iSchool Education Committee
2019.09-2020.08	UT Austin iSchool Master's Studies Committee
2018.09-2019.08	UT Austin iSchool Doctoral Studies Committee
2018.09-2019.08	UT Austin iSchool Assistant Professor Search Committee
2018.08-2019.08	UT Austin iSchool Research Environment Committee
2017.09-2018.05	UT Austin iSchool Admissions Committee
2016.09-2017.12	UT Austin iSchool Curriculum Committee
2016.01-2019	Advisory board for Center for Integrated Design (UT Austin)
2015-2016	Developed UT Austin iSchool's course offerings for undergraduate minor in HCI/UX design
2011-2012	Rutgers University Libraries Web Board, Member (by invitation)
2010-2011	Research & Development Committee, SC&I, Rutgers University
2010-2011	Research Committee, Chair, LIS, Rutgers University
2010-2011	Distinguished Speaker Series, Organizer, LIS, Rutgers University
2008-2010	Digital Library Curriculum committee, Member, LIS, Rutgers University
2008-2009	Brown Bag Lunch Speaker Series, Organizer, LIS, Rutgers University
2006-2010	Master's and doctoral program admissions, Application reviewer, LIS, Rutgers University
2007	Ad-hoc committee on teaching programming in undergraduate program, Information Technology and Informatics, Rutgers University
2006-2009	Research Committee, Member, LIS, Rutgers University

PROFESSIONAL AFFILIATIONS

ACM, SIGIR	Senior Member - Association for Computing Machinery
ASIS&T	Senior Member Association for Information Science and Technology; SIGUSE

LANGUAGES Fluent English and Polish, Intermediate German, Basic Russian

VOLUNTEERING Austin Polish Society, Board of Directors (2023-); Austin Polish Film Festival

OTHER ACTIVITIES Fine art photography; Jazz photography; Electronic sound design; Alpine skiing